

Serial No. 09/244,130
Atty. Docket No. 3495.0111-10

line 19, after "endonucleases." insert --(SEQ ID NOS:17 through 44)--;
and

line 28, after "pAF100." insert --(SEQ ID NOS:45 through 50)--.

Page 10, line 21, delete "HR" and insert therefor --homologous recombination
(HR)--.

Page 13, line 18, delete "SSA" and insert therefor --single-strand annealing
(SSA)--.

Page 14, line 22, delete "a)" and insert therefor --a1--.

Page 18, substitute the following for the last two lines:

A1

--5' TAGGGATAA ↓ CAGGGTAAT 3' (SEQ ID NO:51)

3' ATCCC ↑ TATTGTCCCCATTA 5' (SEQ ID NO:52)--.

Page 48, line 2, delete "'polybrain'" and insert therefor --polybrene
(hexadimethrine bromide)--.

Page 72, line 3, delete "[11]" and insert therefor --[11B]--.

Page 72, line 23, delete "[13]" and insert therefor --[13B]--.

Page 72, line 27, delete "[12]" and insert therefor --[12B]--.

Page 80, line 14, delete "[29]" and insert therefor --[29B]--.

Page 91, line 24, delete "Varmus, H. and Brown, P. 1989. Retroviruses" and
insert therefor --Varmus, H. and Brown, P., Retroviruses *in Mobile DNA*, 58-108

(Douglas E. Berg and Martha H. Howe eds., 1989).--.

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After making the above amendments, please move pages 50-58 and insert these pages after page 88 and before page 89 of the application. Then please renumber the pages as follows:

Renumber pages 50-58 as pages 80-88, respectively; and renumber pages 59-88 as pages 50-79, respectively.

After page 93, and before page 94, please insert the attached pages titled "SEQUENCE LISTING".

On pages 89-93, renumber references "1" through "37" to read --1B-- through --37B--.

IN THE CLAIMS:

Please cancel claims 1 and 15.

Please add the following new claims:

--23. A transgenic mouse comprising a nucleotide sequence encoding I-SceI.

24. A transgenic mouse comprising a recombinant cell, wherein said cell comprises a nucleotide sequence encoding I-SceI.

25. The mouse of claim 24, wherein the nucleotide sequence is in a plasmid.

26. The mouse of claim 25, wherein the plasmid is pRSV I-SceI or pCMV I-SceI.

27. A transgenic mouse comprising a nucleotide sequence, wherein said nucleotide sequence comprises an I-SceI site.